

§ 107.309

46 CFR Ch. I (10–1–12 Edition)

MARINE ENGINEERING

(z) Plans required for marine engineering equipment and systems by Subchapter F of this chapter.

ELECTRICAL ENGINEERING

(aa) Plans required for electrical engineering equipment and systems by Subchapter J of this chapter.

LIFE SAVING EQUIPMENT

(bb) The location and arrangement of each lifesaving system including each embarkation deck, showing each overboard discharge and clearances from projections and obstructions in the way of launching lifeboats, rescue boats, and liferafts throughout the range of list and trim angles required under part 108, subpart E of this chapter.

(cc) The design weight of each lifeboat, rescue boat, and davit-launched liferaft when fully equipped and loaded.

(dd) Working loads of davits and winches.

(ee) Types and sizes of falls.

(ff) Manufacturer's name and identification of each item of equipment.

PERSONNEL ACCOMMODATIONS

(gg) Arrangement plans showing each accommodation space, ventilation, and means of escape.

CONSTRUCTION PORTFOLIO²

(hh) A construction portfolio must be prepared for each unit and must be approved by the Coast Guard. The portfolio must document the location and extent of application of different grades and strengths of materials and include a description of the materials and welding procedures employed and any other relevant construction information. The portfolio must contain the following:

(1) Structural plans showing areas incorporating different grades and strengths of materials. A simplified plan may be included in the portfolio if it adequately defines the different areas of application.

²This portfolio may be included in the operating manual required in § 109.121.

(2) A list of different grades or strengths of material that conform to American Bureau of Shipping (ABS) or American Society of Testing and Materials (ASTM) specifications. For materials that do not conform to ABS or ASTM specifications, complete specifications, including chemical and physical properties, special testing and any heat treatment.

(3) Each approved weld procedure for the fabrication of each structure using different grades or strengths of material and each approved weld test procedure.

(4) Information, restrictions or prohibitions regarding repairs or modifications.

OPERATING MANUAL

(ii) The operating manual required in § 109.121. If an approved manual is changed, only the pages affected by the change need be submitted if the manual is bound in such a way as to allow old pages to be removed easily and new ones inserted and if the manual has a record of page changes.

[CGD 73–251, 43 FR 56802, Dec. 4, 1978, as amended by CGD 79–023, 48 FR 51008, Nov. 4, 1983; CGD 83–071, 52 FR 6978, Mar. 6, 1987; CGD 85–099, 55 FR 32248, Aug. 8, 1990; CGD 88–032, 56 FR 35826, July 29, 1991; CGD 84–069, 61 FR 25290, May 20, 1996; 63 FR 52814, Oct. 1, 1998]

§ 107.309 Crane plans and information.

(a) Three copies of each of the following must be submitted:

(1) Stress and arrangement diagrams, bill of materials, and supporting calculations for all structural components listed in API Spec. 2C, Second Edition, February 1972 (with supplement 2).

(2) Drawings of foundations and substructures with supporting calculations for support and stability of each crane under its rated load.

(3) Plans showing the installation of the safety features required in § 108.601.

(4) Drawings of the means provided to stop motion and set brakes during a power failure.

NOTE TO § 107.309(a)(4): These plans must be submitted to the Coast Guard, if the crane is not certified. If the crane is to be certified, four copies must be sent to the American Bureau of Shipping or the International Cargo Gear Bureau, Inc.

(b) In addition to the plans and information required in paragraph (a), the following plans and information must be submitted to the Coast Guard only:

(1) One line diagrams of the electrical power circuits of the electric power crane overload protection required in Subpart 111.50 of this chapter.

(2) Diagrams of the hydraulic or pneumatic power and control systems, as required by Subpart 58.30-40 or 58.30-50 of this chapter, as applicable.

[CGD 73-251, 43 FR 56802, Dec. 4, 1978, as amended by USCG-2008-0906, 73 FR 56510, Sept. 29, 2008]

§ 107.317 Addresses for submittal of plans, specifications, and calculations.

The copies of each plan, specification, and calculation required under § 107.305 and § 107.309 must be submitted to one of the following as applicable:

(a) The Officer in Charge, Marine Inspection, in the zone in which the unit is to be built or altered.

(b) By visitors to the Commanding Officer, U.S. Coast Guard Marine Safety Center, 1900 Half Street, SW., Suite 1000, Room 525, Washington, DC 20024, or by mail to: Commanding Officer, U.S. Coast Guard Marine Safety Center, 2100 2nd St. SW., Stop 7102, Washington, DC 20593-7102, in a written or electronic format. Information for submitting the VSP electronically can be found at <http://www.uscg.mil/HQ/MS>.

(c) The American Bureau of Shipping, (ABS) ABS Plaza, 16855 Northchase Drive, Houston, TX 77060.

NOTE: For classed vessels, the American Bureau of Shipping will, upon request by the submitter, arrange to forward the plans indicated with an asterisk in § 107.305 to the Coast Guard indicating ABS's action thereon.

(d) International Cargo Gear Bureau, Inc., 321 West 44th Street, New York, NY 10036, on the internet at <http://www.icgb.com>.

[CGD 73-251, 43 FR 56802, Dec. 4, 1978, as amended by CGD 85-048b, 51 FR 15498, Apr. 24, 1986; CGD 89-025, 54 FR 19571, May 8, 1989; CGD 96-041, 61 FR 50730, Sept. 27, 1996; USCG-2000-7790, 65 FR 58461, Sept. 29, 2000; USCG-2007-29018, 72 FR 53966, Sept. 21, 2007; USCG-2008-0906, 73 FR 56510, Sept. 29, 2008; USCG-2009-0702, 74 FR 49233, Sept. 25, 2009]

Subpart D—Certificates Under International Convention for Safety of Life at Sea, 1974

§ 107.401 Purpose and definition.

(a) The International Convention for Safety of Life at Sea, 1974, requires one or more of the certificates described in this subpart to be carried on self-propelled vessels of 500 gross tons or over engaged in international voyages. This subpart prescribes rules for the issuance of these certificates to mobile offshore drilling units.

(b) “International voyage” has the same meaning as stated in Regulation 2(d) of part A, chapter I in the International Convention for Safety of Life at Sea, 1974. (SOLAS 74), which is: “a voyage from a country to which the present Convention applies to a port outside such country, or conversely. The Coast Guard has interpreted this definition to include the following:

(1) A voyage from a country to which SOLAS 1974 applies, to a port outside that country or the reverse;

(2) A voyage from any territory, including the Commonwealth of Puerto Rico, all possessions of the United States, and all lands held by the United States under a protectorate or mandate, whose international relations are the responsibility of a contracting SOLAS 74 government, or which is administered by the United Nations, to a port outside that territory or the reverse;

The Coast Guard has interpreted this definition to not include a “Great Lakes voyage” which means a voyage solely on the Great Lakes of North America and the St. Lawrence River west of a straight line drawn from Capedes Rosiers to West Point, Anticosti Island and, on the north side of Anticosti Island, the 63rd Meridian.

[CGD 73-251, 43 FR 56802, Dec. 4, 1978, as amended by CGD 90-008, 55 FR 30662, July 26, 1990]

§ 107.405 Safety Equipment Certificate.

(a) A self-propelled unit of at least 500 gross tons that engages in international voyages is issued a safety equipment certificate if the inspector issues it a certificate of inspection under § 107.211 or § 107.215 and it meets